IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of	) Examiner: Misook Yu
Donald Durden	) Art Unit: 1642
Serial No. 09/870,379	) Response to Paper No: 8
Filed: May 30, 2001	)
For: "Compositions and Methods for Identifying Agents Which Modulate PTEN Function and PI-3 Kinase Pathways"	)

AMENDMENT AND REQUEST FOR RECONSIDERATION UNDER 37 C.F.R. §1.111

In response to the Official Action dated January 15, 2003, please amend the above-identified application as follows:

In the specification:

At the indicated page and line numbers, please replace the existing table, paragraphs and claims with those set forth below.

(Page 2, line 23) PTEN is a 55 kDa protein comprising an N-terminal catalytic domain, identified as a segment with homology to the cytoskeletal protein tensin and containing the sequence $HC(X)_5R$ (SEQ ID NO: 22), which is the signature motif of members of the protein tyrosine phosphatase family, and a C-terminal C2 domain with lipid-binding and membrane-targeting functions (Lee et al Cell 1999). The sequence at the extreme C-terminus of PTEN is similar to sequences known to have binding affinity for PDZ domain-containing proteins. PTEN is a dual specificity phosphatase that displays a pronounced preference for acidic substrates (Myers et al PNAS 1997).

(Page 15, line 9) Figure 20A is a schematic